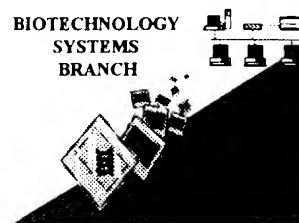


no field

RAW SEQUENCE LISTING
ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/004395A
Art Unit / Team No. : 1645
Date Processed by STIC: 3/29/99

THE ATTACHED PRINTOUT EXPLAINS THE **ERRORS DETECTED**.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/004,395A

DATE: 03/29/1999
TIME: 08:44:46

Input Set: I004395A.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

1 <110> Gilmore Jr., Robert D
2 Johnson, Barbara JB
3 <120> RECOMBINANT P37/FlaA AS A DIAGNOSTIC REAGENT
4 <130> 97,429
5 <140> US/09/004,395A
6 <141> 1998-01-08
7 <160> 6
8 <170> Microsoft Word 97

Does Not Comply
Corrected Diskette Needed.

ERRORED SEQUENCES FOLLOW

E--> 9 <210> 2.
10 <211> 320 34/ shown (please include negative-hatched amino acids
11 <212> PRT in <211> region)
12 <213> B.burgdorferi
13 <400> 2
14 Met Lys Arg Lys Ala Lys Ser Ile Leu Phe Phe Leu Leu Ser Thr Val
15 -22 -20 -15 -10
16 Leu Phe Ala Gln Glu Thr Asp Gly Leu Ala Glu Gly Ser Lys Arg Ala
17 -5 1 5 10
18 Glu Pro Gly Glu Leu Val Leu Asp Phe Ala Glu Leu Ala Arg Asp Pro
19 15 20 25
20 Ser Ser Thr Arg Leu Asp Leu Thr Asn Tyr Val Asp Tyr Val Tyr Ser
21 30 35 40
22 Gly Ala Ser Gly Ile Val Lys Pro Glu Asp Met Val Val Asp Leu Gly
23 45 50 55
24 Ile Asn Asn Trp Ser Val Leu Leu Thr Pro Ser Ala Arg Leu Gln Ala
25 60 65 70
26 Tyr Val Lys Asn Ser Val Val Ala Pro Ala Val Val Lys Ser Glu Ser
27 75 80 85 90
28 Lys Arg Tyr Ala Gly Asp Thr Ile Leu Gly Val Arg Val Leu Phe Pro
105
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134 Asp Asn Ile Lys Thr Met Lys Glu Ile Lys Val Ser Val Tyr Ser Leu
135 140 145 150

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/004,395A

DATE: 03/29/1999
TIME: 08:44:46

Input Set: I004395A.RAW

40	Leu Ile Trp Ser Asn Pro Asn Tyr Ile Pro Asn Ile Ser Ser Arg Ile
41	190 195 200
42	Ile Lys Asp Asp Val Pro Asn Tyr Pro Leu Ala Ser Ser Lys Met Arg
43	205 210 215
44	Phe Lys Ala Phe Arg Val Ser Lys Ser His Ser Ser Lys Val Lys Asn
45	220 225 230
46	Phe Ile Phe Tyr Val Lys Asp Leu Arg Val Leu Tyr Asp Lys Leu Ser
47	235 240 245 250
48	Val Ser Ile Asp Ser Asp Ile Asp Ser Glu Ser Val Phe Lys val tyr
49	255 260 265
50	Glu Thr Ser Gly Thr Glu Ser Leu Arg Lys Leu Lys Ala His Glu Thr
51	270 275 280
52	Phe Lys Arg Val Leu Lys Leu Arg Glu Lys Ile Ser Ile Ala Glu Gly
53	285 290 295
54	Ser Phe Gln Asn Phe Val Glu Lys Ile Glu Ser Glu Lys Pro Glu Glu
55	300 305 310
W--> 56	Ser Ser Pro Lys Asn
E--> 57	315

← the CPT program deleted the ending stop codon (+)

58 <210> 6
59 <211> 21
60 <212> DNA
61 <213> B.burgdorferi
62 <400> 6
63 ctaatttttc ggagatgatt c

E--> 64

(1)

*delete it
if file*

*(please delete it in
your corrected file)*

21

Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
<223> fields of each sequence which presents at least one n or Xaa.

PAGE: 3

VERIFICATION SUMMARY
PATENT APPLICATION US/09/004,395A

DATE: 03/29/1999

TIME: 08:44:46

Input Set: I004395A.RAW

Line	? Error/Warning	Original Text
10	E Input 320, Calc Seq.Length 341 differ	<211> 320
56	W Line data has been corrected	Ser Ser Pro Lys Asn *
57	E Invalid/Missing Amino Acid Numbering	315 320
64	E Number of Bases conflict w/ Running Total 1	

PAGE: 4

CORRECTION SUMMARY
PATENT APPLICATION US/09/004,395A

DATE: 03/29/1999
TIME: 08:44:46

Input Set: I004395A.RAW

Line Original Text

Corrected Data

56 Ser Ser Pro Lys Asn *

Ser Ser Pro Lys Asn